



BADGER STATE Smoke Signals



Serving Amateur Radio in Wisconsin

Published Monthly Since 1969

Vol. 16 No. 8 - 188th Consecutive Monthly Issue - Baraboo WI - August 1985

ARRL SEEKS ASSISTANT TCs

Rich Regent K9GDF
Technical Coordinator (TC)
5003 South 26th Street
Milwaukee WI 53221

For a Section team to be effective in one of the most important arenas in Amateur Radio, technology, there must be a cadre of qualified, competent Assistant Technical Coordinators.

"Advancement of the radio art" is a profound obligation we incur under the rules of the FCC. ATCs help meet this obligation.

Appointed by the SM (K9GDF), or TC (K9GDF again) under delegated authority from the SM, the ATC supports the TC in two main areas of responsibility: (1) Radio Frequency Interference and (2) Technical Information. ATCs can specialize in certain specific technical areas, or can be generalists. Here is a list of specific job duties:

1. Serve as a technical oracle to local Hams and clubs. Correspond by telephone and letter on tech topics. Refer correspondents to other sources if specific topic is outside ATC's knowledge.

2. Serve as advisor in radio frequency interference issues. RFI can drive a wedge in neighbor and city relations. It will be the ATC with a cool head who will resolve problems.

Local Hams will come to you for guidance in dealing with interference problems.

3. Speak at local clubs on popular tech topics. Let local clubs know you're available and willing.

4. Represent ARRL at technical symposiums in industry; serve on CATV advisory committees; advise municipal governments on technical matters.

5. Work with other ARRL officials and appointees when called upon for technical advice, especially in emergency communications situations, where technical prowess can mean the difference between life and death.

6. Handle other miscellaneous technically related tasks assigned by the Technical Coordinator.

If you feel that you've got what it takes to be an active ATC, a vital force in local technical planning and action, talk to Rich Regent, K9GDF, SM/TC WI, address above. All ATCs are entitled to wear the distinctive blue League diamond pin signifying their status as an important League official.

Your League wants you to be a part of its critical Field Organization team. The only requirement for an ATC appointment is a Technician or higher class license, and a willingness to serve your fellow Radio Amateurs.

Badger State Smoke SignalsOfficers:

Ken Ebnetter, K9EN, Chairman
 Jim Romelfanger, K9ZZ, Editor
 Jim Decker, WB9UQT, Treasurer

Send editorial material and
 exchange papers to:

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 Baraboo, Wisconsin 53913

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 822 Wauona Trail
 Portage, Wisconsin 53901

Permission is granted to re-
 print items from BSSS provid-
 ing credit is given to the
 author and Badger State Smoke
 Signals.

SWAPFESTS AND OTHER SOCIAL EVENTSALL NEW! REORGANIZED HAMFEST

Green Bay Mike & Key Club Swapfest.
 will be held on Saturday, August 17,
 1985 at the Ashwaubenon Community
 Center on Anderson Drive located across
 from Baypark Square Mall. Take the
 Oneida St. exit off either Hwy 172 or
 US Hwy 41. Free admission & parking.
 Commercial Exhibitors, food, drink.
 Doors open at 8 A.M. (Sellers at 7
 A.M.) 8 ft. tables \$5.00 - by reservation.
 4 table limit. Send s.a.s.e.
 with name, call, address & check to
 Green Bay Mike & Key Club, c/o Bill
 Johnson, N9CND, 2177 Orrie Lane, Green
 Bay, WI. 54304. (414) 494-8948

The PEORIA SUPERFEST, sponsored by the
 Peoria Area ARC, will be held on Sept.
 21 and 22, 1985.

KMRA ANNUAL HAM, COMPUTER, AND VIDEO
 FEST Sunday, October 13, 1985 At the
 Waukesha Exposition Center, Waukesha,
 WI. SASE to KMRA ARC, P.O. Box 411,
 Waukesha, WI 53187

LATE FALL HAMFEST: November 3, 1985 at
 the Lake County Fairgrounds, Grayslake,
 IL. SASE to CAP, 637 Emerald St.,
 Mundelein, IL 60060.

As a service to our readers, this
 section of Badger State Smoke Signals
 is available without charge to list
 your upcoming Swapfest, Hamfest, din-
 ner, picnic, party or other event of
 interest to Radio Amateurs in Wisconsin
 and nearby areas. Send information on
 your event to Kenneth A. Ebnetter, K9EN,
 822 Wauona Trail, Portage, WI 53901.
 In addition, space is available at
 attractive rates on our advertising
 pages, and/or we can include your
 flyers. For information on rates and
 requirements for our advertising pages,
 and/or for including flyers, please
 contact K9ZZ or K9EN.

CLUB MEETINGS:

Central Wisconsin Radio Amateurs, Ltd.
 (Stevens Point)

Regular club meetings are held on
 the second Wednesday of the month.

Four Lakes A.R.C. (Madison WI)

RED CROSS BUILDING, 4860 Sheboygan
 Ave, Madison, WI., first and
 third Tuesdays each month.

Kettle Moraine Radio Amateurs:

All meetings are held on the
 SECOND (2nd) Friday of each month.

Manitowoc County Radio Amateurs

MANCORAD meets on the third
 Wednesday of the month at 7:30
 p.m. at Manitowoc Red Cross at
 20th and Washington Streets in
 Manitowoc WI.

Milwaukee Radio Amateurs Club:

All regular meetings of MRAC
 scheduled for 1985 at Wauwatosa
 Savings and Loan Building, 7500
 West State Street, will be held
 on the second Thursday of the
 month.

1985 meetings will be Sep. 12,
 Oct. 10, Nov. 14.

Riverland Amateur Radio Club

Regular meetings are held at 7:30
 P.M., on the first Wednesday of
 each month in the Onalaska Com-
 munity Center in Onalaska, WI.

Rock River Radio Club

The next meeting of the RRRC is
 scheduled for Tuesday, August 6th
 at 8 p.m. The meeting will be at
 the Dodge County Sheriff's Depart-
 ment, 141 N. Main in Juneau. Any-
 one with an interest in radio or
 electronics is welcome to attend.

South Milwaukee Amateur Radio Club

Meetings held at Legion Post 434,
 Shepard Ave., Oak Creek, on first
 Wednesday of the month. Auctions

held at March and October meetings.

West Allis Radio Amateurs Club

Regular meetings are held on the second Tuesday of each month at St. Francis Savings, 9330 W. Greenfield Ave., at 8:00 P.M.

The Wisconsin Valley Radio Association (Wausau)

Holds regular monthly meetings on the first Tuesday of the month at 7:30 p.m. The location varies, but information is available on the 146.04/64 repeater in Wausau.

Yellow Thunder Amateur Radio Club: (Baraboo, WI)

All regular meetings of YTARC are held in room 30 of the Baraboo Civic Center. (Except for Monday meetings, which will be in room 25.) Meetings start at 7:30 P.M.

The meeting dates for 1985 are: Aug. 15, Sep. 16 (room 25), Oct. 15, Nov. 13, & Dec. 12.

Let us know of your club meeting dates, and we will let others know of your meetings and activities. There may be Amateurs in your area interested in joining your club, or members of other clubs interested in making an interclub visit.

MISCELLANEOUS MISCELLANEOUS MISCELLANEOUS Oh what the heck -- items of interest:

Central Wisconsin Radio Amateurs Ltd. (Stevens Point)

WATTS SNOO

A special welcome was given (at the June 10th meeting) to guest K9LGU. Dennis Rybicki was a member of our club before moving away to teach at New Holstein High School. He is also presently the Mayor of New Holstein. It was Denny who started and named our club bulletin, WATTS SNOO.

Green Fox Amateur Radio Club (Green Lake)

FOXTALES

The Green Fox ARC will supply Amateurs for the parade communications for the Riponfest Celebration.

Oshkosh Amateur Radio Club, Inc. THE INTERCOM

Congratulations to N9EYL, Doug Warner, and his new bride, Colleen. Doug and Colleen were married July 6th in Green Bay.

Riverland Amateur Radio Club (La Crosse area)

For news of the Riverland Amateur Radio Club, see their section of Smoke Signals.

Rock River Radio Club

Rock River Radio Club Newslette

Congratulations to the following who passed their Amateur Radio exams recently:

Novice: Caren J. Fox
Tech: Jerry Traugher, KA9FMU
F. Baumgartner, KA9NEH
General: Beryl Pederson, KA9BAC
Extra: Rudy Verhoeven, KA9DIE

Wisconsin Nets Association

For news of the WNA see the WNA section of Smoke Signals.

Yellow Thunder Amateur Radio Club, Inc.

For news of the YTARC see the YTARC section of Smoke Signals.

Our thanks to the above mentioned clubs and their bulletins for the information presented. Badger State Smoke Signals will be pleased to exchange bulletins and information with your club. Please contact K9ZZ or K9EN.

THE TEST POINT

The following are known locations where Amateur Radio license examinations are scheduled in the Badger State area.

August 10, 1985	Saukville, WI
August 10, 1985	Duluth, MN
August 14, 1985	Onalaska, WI
August 17, 1985	Milwaukee, WI
August 17, 1985	Minneapolis, MN
August 24, 1985	Wis. Rapids, WI
September 14, 1984	Milwaukee, WI
September 14, 1985	Merrifield, MN
September 28, 1985	Madison, WI
October 12, 1985	Milwaukee, WI
October 19, 1985	Minneapolis, MN
November 2, 1985	Stevens Point, WI
November 9, 1985	Milwaukee, WI
December 14, 1985	Milwaukee, WI

General rules for all examinations:

All examinations require filing an FCC Form 610 and advance registration at least 30 days before the exam date. (Some VECs may permit walk-ins. Check with sponsor to find out if they allow walk-ins.)

To register for these examinations, you must first secure a copy of the current FCC Form 610 (the one dated June 1984) and fill it out completely (AND CORRECTLY). Get your form from the FCC Field Office, the ARRL or Badger State Smoke Signals. Send a 22¢ SASE if you request one from the ARRL or BSSS. In

most cases, forms can also be obtained from the sponsoring group. Remember-- you must file at least 30 days in advance unless otherwise indicated.

ARRL/VEC examinations require a check for \$4.00 payable to ARRL/VEC.

Additional information is given below.

August 17, 1985 Minneapolis, MN
October 19, 1985 Minneapolis, MN

Contact: Minneapolis Radio Club
Tony Becker, AEØM
3638 Pleasant Ave., S.
Minneapolis, MN 55409

September 14, 1985 Merrifield, MN

Contact: Paul Bunyan Wireless Assn.
Dave Neiman
Box 132
Merrifield, MN 56465

September 28, 1985 Madison, WI

ARRL/VEC -- Talk in frequency is on 146.16/76 repeater.

Contact: Four Lakes Amateur Radio Club
Gary Lincoln
6015 Winnequah Rd.
Monona, WI 53716.

August (exact date(s) unknown)

The Watertown ARC and Tri-County ARC are sponsoring these test sessions. Walkins will be accepted.

John Block Jr. N9EAJ
1305 S. 3rd Street
Watertown WI 53094.

The address of the testing site is:

University of Wisconsin - Whitewater
800 West Main Street - Hwy 12
Anderson Library - Room 1120
Whitewater WI

August 14, 1985 at 7:30 p.m. at the
Unalaska Community Center.

Contact: The Riverland ARC.
Greg A. Miller, KA9FOZ
2522 Wood St.
La Crosse, WI 54603

Saturday, August 10, 1985 at 9:00 a.m.

This test session will be at the Saukville Village Hall, just off Highway 32. This is about ten miles north on Highway 32 from Mequon Road. This test session is sponsored by the OZAUKEE RADIO CLUB.

File on a Postal System post card (14¢) mailed to:

The Milwaukee Radio Amateurs' Club, Inc
N50 W16328 Pin Oak Court
Menomonee Falls, WI 53012

PLEASE PRINT listing the grade of license you are applying for, your name, address, including Zip Code and your telephone number.

On your test date, please appear at the appointed hour, or not more than 1/2 hour later, so that we can process your exam that day. Bring a good photo copy of your license, a pen and four dollars for the exam fee. We supply the proper 610 form, and assist you in properly filling it out.

Charles Kaetel, W9SNK, and MRAC invite those Amateurs interested in serving as Volunteer Examiners to contact him at the above address.

The Milwaukee Volunteer Core Group (DeVry VEC) will be giving Amateur Radio exams in the Service Occupation Building, rooms S0208 and S0209 at the Waukesha County Technical Institute. The exams will begin at 9:00 a.m. Walkins are welcome.

August 17
September 14
October 12
November 9
December 14

If you are interested, please send a POST CARD with your NAME, ADDRESS, TELEPHONE NUMBER, and the DATE on which you wish to be tested, and the GRADE of license you wish to be examined for to:

Syl Janczak WD9JKZ
3127A West Madison
Milwaukee WI 53215

Exams for shutins are given by appointment only.

November 2, 1985 Stevens Point, WI

ARRL/VEC -- Central Wisconsin Radio Amateurs, Ltd.

Contact: Frank Guth, W9BCC
1632 Ellis St.
Stevens Point, WI 54481

(Examination site: Blue Top Motel,
Stevens Point.)

This section of Badger State Smoke Signals is available to publicize your Volunteer Examiner Amateur Radio license examination schedules.

Please send us your schedules of dates, times, and locations that you will be conducting examinations and we will include the information here. Be sure to include contact address and any other necessary requirements. Information should be sent to K9EN or K9ZZ at the address shown on page 2.

MVCG EXAMINATION ANNOUNCEMENT

Syl Janczak WD9JKZ
3127A West Madison
Milwaukee WI 53215

FLASH!

The Milwaukee Volunteer Core Group (De Vry VEC) is proud to announce that we now have Novice thru Extra Class exams in large type, Braille, and on cassette tape for sightless Hams.

The members of the team are more than happy to travel to your area to serve the Amateur community in giving exams.

If you are interested, please contact us by phone or by mail. Send your card to my address above.

MILWAUKEE VOLUNTEER CORE GROUP
EXAM RESULTS

Syl Janczak WD9JKZ
3127A West Madison
Milwaukee WI 53215

On Saturday, July 13, 1985, the Milwaukee Volunteer Core Group (MVCG), under the sponsorship of the South Milwaukee Amateur Radio Club, had a total of 22 people take exams. Of these, six succeeded in upgrading, or qualified for a new license. The pass rate was 27%.

Congratulations are in order for:

Stanley Lichtenberg, Hellenville WI, from no license to Technician.

Russell Piontowski, Milwaukee WI, from no license to General.

Jeffrey Kling, KA9RUE, Greendale WI, Technician to General.

Barbara Regent, N9DIJ, Milwaukee WI, General to Advanced.

Paul Mueller, KA9SPC, Waukesha WI, Technician to General.

William McEachern, N9ESI, Greenfield WI, Advanced to Extra.

In addition, the MVCG gave its first Advanced exam in Braille.

The members of the Core Group will travel to most parts of the state to administer the exams to sightless Hams. If interested, please contact Syl Janczak, at the address above.

NEW ASSOCIATION FORMED

(From GEARVAKf Bulletin, Spring, 1985)

Recent news stories of defense contractor cost overruns and \$500 wrenches has prompted a group of government defense contractors to form a new, tax-exempt, industrial association, according to reliable sources in the Pentagon.

The new association, called the American Defense Industrial Association of Government Contractor Cost Overruns and Excess Profits (ADIAGCCOEP), will "clarify" press reports of excessive contractor charges to the government.

Several defense contractors were contacted for further information but none were willing to admit membership in ADIAGCCOEP.

"It must be them other guys," said an unidentified voice who answered the phone at a Specific Dynamics public affairs office in Palm Springs, California. When pressed for a comment by GEARVAKf Bulletin reporter, Fafnir J. Sprue, Jr., the voice refused to comment saying, "We ain't got no comment."

-K8DMZ

One thing about your wife buying a turkey is that you know what the main course is for the week.

YELLOW THUNDER AMATEUR RADIO CLUB

The July 10, 1985 meeting of the Yellow Thunder Amateur Radio Club, Inc. was called to order in room 30 of the Baraboo Civic Center by President Art Kleefisch, W9WSS.

The following members were present:

Art Kleefisch, W9WSS	Baraboo
Ken Ebnetter, K9EN	Portage
Jim Decker, WB9UQT	Baraboo
Paul Amend, KA9OBP	Portage
Harry Westland, K9EHJ	Baraboo
Peter Sweeney, WD9JIB	Reedsburg

Also present was:

Jim Romelfanger, K9ZZ Baraboo

The minutes of the previous meeting were approved as printed in Badger State Smoke Signals. The Treasurer gave his report showing a balance of \$167.22 in the general account and a total in all accounts of \$360.50

Communications and announcements:

Brief items from Westlink Report and The ARRL Letter were read by K9EN. A report and discussion was held on the recent Field Day operation at Owen Park.

No Old Business:

New Business:

There was some discussion on program ideas for future meetings.

A brief discussion was held concerning next years Field Day. The consensus was that we need more operators and more membership participation.

Buck Night: The winner of the \$2.00 prize was selected by Art's calculator. He was Ken Johnson, K9DZG. Since he was not present to claim his award, next month's prize will be \$3.00.

The meeting was adjourned.

Respectfully submitted,
Ken Ebnetter, K9EN, Secretary

There was no program scheduled for this meeting. Ken, K9EN and Jim, WB9UQT brought their packet radio TNC's to the meeting. There was a demonstration of packet radio operation. It was then attempted to determine the cause of a failure in Ken's TAPR TNC. By substitution of the HDLC i.c. chip from Jim's Heath TNC it was found that the HDLC was the problem. Ken will be ordering a new part from Heath and

expects to be back on the air shortly. (I made it back on July 15, 1985, thanks to fast service by the Heath parts department. - Ken.)

YTARC BIRTHDAZE:

Jim Decker, WB9UQT	Baraboo	Aug. 16
Ken Johnson, K9DZG	Mazomanie	Aug. 25

Sentence Sermon:

TAKE TIME

--to Think: It is the source of power.
 --to Play: It is the secret of perpetual youth.
 --to Read: It is the fountain of wisdom.
 --to Pray: It is the greatest power on earth.
 --to Love and Be loved: It is a God-given privilege.
 --to be Friendly: It is the road to happiness.

--Author Unknown

HAMS ARRESTED ON CODE VIOLATIONS

(From GEARVAKf Bulletin, Spring, 1985)

Fourteen outlaw Ham Radio operators, pursued for the past week by a Kinnickinnick County Sheriff's posse, were arrested by vigilantes at a clandestine radio shack in downtown Pleasant Sludge yesterday, and charged with violating the Morse Code.

The Hams were accused of speeding in the 20 meter band and using the code "in a perverse and unnatural fashion with intent to communicate with foreigners," according to Town Marshall VarEney Fernlea.

If found guilty, each of the alleged criminals could face fines of up to \$50,000 each and sentences up to 10 years in the Federal Correction Facility at Mt. Vermin, an isolated maximum security prison in the barren mountains of central Indiana.

-400 Harry

If there is anything wrong with that transceiver we bought in Mexico last week end --- we have been cheated out of \$3.75!!!

RIVERLAND AMATEUR RADIO CLUB

On July 3, 1985, at 7:36 p.m., the regular monthly meeting of the Riverland Amateur Radio Club was called to order by President Craig Goldbeck. Minutes of the June meeting were approved as read. The Treasurer's report was approved.

Swapfest Committee report: The XYL Club will completely take care of all food items.

Old Business: Report on the Field Day activities was that it was a huge success. President Craig Goldbeck thanks everyone who participated.

New Business: Van, WA9FIO, volunteered to become the third member of the Repeater Committee.

Total members present at this meeting was 16. The meeting was adjourned at 7:45 p.m.

Respectfully submitted,

Rick Williams, Acting Secretary of the Riverland ARC.

Members Present:

Craig Goldbeck	N9ETD
John Markos	KA9LQF
Gary Mattie	KA9RQY
John Young	W9KAZ
Jeff Fancher	N9BRA
Herman Ludvik	W9HJV
Rick Williams	KV9U
Bob Pluntz	WD9FKV
Gary Webb	N9DHQ
Steve Mrachek	N9CEY
Van Elston	WA9FIO
Duane Fruechte	W9HWO
Dallas Miller	K9LEC
"Knute" Knutson	W9SFL
Ken Weigel	N9CDT
Bruce Bjerstedt	K9CUT

Additional Notes:

It sure is good to be able to report that our Field Day activities were a huge success.

We had a lot of fun and excitement, and it wouldn't be complete without a little adventure, when at 2:00 a.m., our generator went out and Craig, N9ETD, and Gary, KA9LQF, went running out and around the back of the trailer to see what went wrong just as the Valley View Mall security, who was not given any information that we would be there, came racing up to our trailer, complete with lights flashing and the works.

Just imagine the thoughts running thru his head when he saw two guys running from him. Also at that time, it decided to start raining. Well, because we went from 2:00 a.m. to 9:30 a.m. without a generator, I did manage a little sleep.

Well, our score will not be very high, but we sure had fun. Thanks to all who stopped by and helped with set-up, transmitting, etc. It all combined to make the event a great success.

Next year will be even bigger and better. I hope to see all of you there.

The continued growth of a club depends on the ideas and member support of those ideas. If you have some special program or event that you would like to see the club sponsor, attend the next meeting and let the membership know.

We have a large variety of interests within our club, so let's hear of these so we can plan exciting and interesting programs for the future. Don't let just a few members do this; what we end up with is the same interests month after month. See you at the next meeting. Remember the date:

August 7, 1985 at 7:30 p.m.
Onalaska Community Center
515 Quincy Street
Onalaska, Wisconsin

My thanks to Rick Williams for handling the duties of Secretary in my absence last month, it was much appreciated. Thanks, Rick!!

I am pleased to announce that our club has been approved as a Special Service Club with the American Radio Relay League. This is an honor that all of our members can be proud of.

With this come many added benefits thru the League. An explanation of them will be given at the next meeting. This is an honor that you, as members of the RARC, are responsible for earning, so plan on attending the next meeting.

See you all on August 7.

73, Greg

(Badger State Smoke Signals send our congrats and best wishes to RARC on their attaining SSC status! k9zz)



GLASSARM REPORT

(Wisconsin Slow Speed Net - WSSN)

From Net Manager Lee G. Andreas N9BDL
Rt. 1, 7600 Hwy. D East
Lake Tomahawk WI 54539

Spring has sprung..
Grass has riz.
I wonder where
Our checkins is.

The above attempt at poetry sums up the report for this quarter.

Last time out, I promised an explanation of how you can receive a net membership certificate. The following is quoted from the Wisconsin Nets Association, Ltd. operator's manual:

"Any station located in Wisconsin may become a member of a net by checking into that net 30 times in a 90 day period. No traffic need be handled. Once this is accomplished, the manager of that net should be notified by the station seeking membership.

"The Net Manager will inform the STM, who will mail a Net Certificate signifying membership for one year. Stations outside Wisconsin may seek associate membership to a net."

Net certificates can be endorsed with stickers for serving as Net Control Station or Liaison Station for 12 scheduled sessions.

Net membership can be renewed by simply meeting the net manager's requirements.

There you have it. Simple, isn't it? Just

dust off your key, paddles, or bug, and tune that rig to 3.645 MHz at 6:30 in the evening. As an additional inducement to QNI the WSSN, I have made up a special QNI certificate. A copy of this certificate is being sent along with this report, and, if our honorable editor has the room, he may include it somewhere in this issue of BSSS for your viewing pleasure.

(I had the room.. see the top of this page.. k9zz.)

The QNI Certificate is being done by yours truly, and done when time permits. Please be patient. Don't expect to get your copy the day after your checkin.

It is check-your-calendar time. On Saturday, September 14, there will be the W.N.A. Picnic at Shawano Lake. Watch BSSS for further details. There are some regulars on the net that I would like to eyeball. To this point, they are just a series of dits and dahs.

This also includes the editor of this august publication.

So pack up your pretzels, sandwiches, and hardboiled eggs, and point your trusty vehicle in the direction of Shawano on that day. Who knows; you may become the proud parent of a tree seedling. You have to attend to catch the full meaning of that.

The net statistics can be summarized in a word - D O W N.

Hope to see you on the nets, and, better yet, in person at the picnic.

73, Lee, N9BDL
Net Manager, WSSN

WISCONSIN NETS ASSOCIATION LTD.

WISCONSIN NETS

NET	WNA	FREQ	UTC	CDT	MANAGER
BWN	YES	3984	1100Z	0600	WD9IID
BEN	YES	3985	1700Z	1200	WB9ESM
WSBN	YES	3985	2230Z	1730	WA9ZTY
WNN	YES	3723	2300Z	1800	KA9QBP
WSSN	YES	3645	2330Z	1830	N9BDL
WIN-E	YES	3662	0000Z	1900	WB9ICH
WIN-L	YES	3662	0300Z	2200	KC9CJ
NWTN	YES	34/94	2330Z	1830	W9JSF
WCWTN	YES	31/91	2330Z	1830	N9DHT
GR.BAY	NO	72/12	0145Z	2045	WB9NRK
			THU	WED	
WRN	NO	3625	2300Z	1800	K9UTQ
	RTTY	Mon. Wed. Fri.	UTC		
		Sun. Tue. Thu.	Local time		

SECTION MANAGER'S NOTES - JUNE 1985

 Rich Regent K9GDF
 5003 South 26th Street
 Milwaukee WI 53221

Congratulations to new Bulletin Manager WB9JSW, check with Carl if you would like to be an Official Bulletin Station. We're particularly looking for help on repeaters. Thanks to KA9CPA, former Bulletin Manager. Bob will be devoting more time to traffic.

Would you like to be an Official Relay Station? Check with K9UTQ.

Want to be an Official Observer? Contact NC9G.

Does the Public Information Assistant title interest you? K9ZZ has the story.

Does your county have an Emergency Coordinator? W9OAK can give you the answer.

Your club need a boost? KA9F0Z might be able to help.

There are also plenty of openings for Assistant Technical Coordinators and other fun opportunities. Write to K9GDF for any information.

Some Wisconsin clubs have combined meetings for fresh excitement.

Ozaukee RC and Riverland ARC qualified as Special Service Clubs.

Oshkosh ARC members working on Novice instruction classes.

New officers Sheboygan County ARC: President KV9V. Vice President WB9CXY. Secretary WB9QCY. Treasurer WB9OWJ.

Greater Milwaukee DX Association new officers: President W9RN. Vice President KJ9I. Secretary/Treasurer WD9JKZ.

New officers Milwaukee RAC: President W9RVI. Vice Presidents N9KY and K9HJH. Secretary KD9AJ. Treasurer K9IWC.

Congratulations to KA9BAC, wife of K9FHI, on passing her General. (I second that! k9zz.)

K9SAD's sons are KA9TVC (age 10) and KA9TVD.

Manitowoc County Amateurs, check with hard working EC WB9MFB to sign up as an ARES member.

Wisconsin has 208 net members in 119 cities, about 3% of all Wisconsin Amateurs. Rhinelander has 19 traffickers on NWTN, while Eau Claire is nearly equal, with 18 on WCWTN.

Find out more about traffic handling; check into one of the nets listed in the QST Section News column.

For some direct answers to your questions about traffic, visit the Wisconsin Nets Association Picnic, Shawano County Park, September 14th. Camping available, and everyone welcome.

VHF QSO Party September 14 & 15.

Silent Key W9JDT.

W9NGP has excellent WIN attendance.

Old Timer W9TQ reminisces about the good 'ol spark days while operating Packet Radio.

BPL to KA9CPA.

The farther away the future is, the better it looks.

9RN CYCLE 4 JUNE REPORT QNI 387 QTC 409 QTR 954 MINUTES IN 60 SESSIONS WISCONSIN PARTICIPATION 92 PERCENT STATIONS N9AUG W9CBE KC9CJ N9DIH W9DND WB9ICH KA9QBP K9UTQ W9YCV X 73 - PEGGY W9JUJ NM

9RN JUNE STATION PARTICIPATION 78 PERCENT STATIONS N9BGE W9IEM W9CBE W9QDV WA9WYS WD9FRI WB9PKL WB9JBF WB9JBM KC9CJ X 73 - DALE WA4JTE NM

CAND RPT FOR JUNE X 721 MESSAGES IN 30 SESSIONS D9RN REPRESENTED PERCENT X WISCONSIN STATIONS W9CBE WD9FRI W9QDV W9IEM N9BGE X 73 - JERRY W5KLV NM

WHY TRAFFIC NETS?

By Lee G. Andreas N9BDL
Rt. 1, 7600 Hwy. D East
Lake Tomahawk WI 54539

As Novice or a seasoned veteran of many years on the bands, you have occasionally come across a traffic net in progress, on either the phone or CW bands.

Perhaps you have become a bit peeved because you set up a sked with a friend in another state on that frequency and at that time, and these stations go on and on with messages and strange Q signals that you have never heard before.

Maybe you have been asked by other Hams to check into this or that traffic net, and figured that traffic handling was not worth your time.

As a net manager, I wonder from time to time if it is worth all the time and effort to keep the net going. On June 8, 1985, I spent a few hours working up a report to be submitted to the Wisconsin Nets Association meeting the following Saturday. The following paragraphs are taken from that report:

"When emergencies and disasters strike, we are called upon or volunteer willingly to assist with emergency communications. As Hams, we have the capability to come in to situations and offer a service that is unmatched by any other group.

"It is an opportunity for all of us to show off our compact little walkie-talkies, fancy HF gear with all the bells and whistles, and a dazzling array of wires and tubing that we fondly call an antenna system.

"All of this is fine and dandy, but there is one ingredient missing in all that flash and glitter: We must be able to communicate and do it efficiently and in the shortest possible amount of time.

"Ragchewing is fine and fun on 75 meters, but there is no time to exchange pleasantries and signal reports when reporting an approaching tornado.

"It takes more than RST, name, QTH, and a WX report to request medical assistance and supplies or handle welfare inquiries of victims from their relatives.

"The pulse quickens, the palms get sweaty, and the throat gets dry when you start handling that emergency and priority traffic.

"The last thing that we can afford is an operator who does not have the foggiest idea about traffic handling when the chips are down.

In certain situations, that operator may be worse than none at all. We have seen what it is like when a person sends or receives his/her first message on a net. This is the time to go through all of these procedures.

"This is one of the main purposes of traffic nets. It is to our advantage to increase our pool of operators that can handle traffic as well as keep all of our present traffic handlers sharpened up and ready."

At 8:05 p.m. on Saturday, June 8, 1985, a tornado struck in western Oneida County.

It roared through a housing subdivision on Swamsauger Lake, and seconds later, it crashed into a campground at Cedar Falls.

One man was killed when his house was thrown into Swamsauger Lake. A young mother of three was killed when one of my hundred-year-old pines fell across her camper at Cedar Falls.

I like to think that there would have been more deaths and injuries if the Northwoods ARES group had not had an emergency net running for about two hours prior to the tornado touchdown.

Northwoods ARES had received word from the ARES group in Park Falls of this approaching storm, and the information was then relayed to the local authorities, Mobile stations in the devastated areas reported information to the net.

All of these activities ran smoothly, with a minimum of problems.

To my knowledge, all of the Amateur Radio Operators participating in the emergency net were operators that had some previous experience with traffic nets.

Therein lies the moral to the story.

If you noticed, I said that one of my pines fell across the camper where the young mother was killed.

The land at Cedar Falls is owned by my employer.

My responsibility is to manage the forest lands. Anybody interested in about 550 twisted, shattered, or uprooted pines? They range in size from ten to 25 inches in diameter.

Or, better yet, any volunteers for a tree planting session next spring?

73, Lee, N9BDL

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Information on subscriptions is elsewhere in this issue. It's a bargain! Check out the rates.. Subscribe today! k9zz.

THE WNN REPORT
(WISCONSIN NOVICE NET)

Paul Amend KA9OBP
Net Manager
547 East Albert Street
Portage WI 53901

Here is the first real installment of the WNN Report for BSSS. Hopefully, this column will be a more regular sight in issues to come.

As one of my teachers said last year, "It's easy to get Paul to do something. Just give him some praise - say... a pat on the back. Just aim a bit low."

Anyhow, your NM has been informed that his column has been overdue for about 1 1/2 years. With or without praise, I think I'll strive to be a little more regular in these pages.

Well, people say numbers talk. Whether they say good things or bad things is a different story. Here are the WNN "numbers" for the last three months:

MONTH	QNI	QTC	QSP	QTR
April	118	15	14	612
May	119	18	18	691
June	119	28	18	628

The stats are pretty consistent, as you can see. The net is still alive and fairly well on 3723 KHz at 6:00 p.m. local time. But I think we could be doing a LOT better.

Novice nets and training nets aren't supposed to break QNI and QTC records, but the more people we can get into WNN, the more we (hopefully) will have for WSSN, and the WIN Early and Late sessions. Your NM is an example of this. We are all here to LEARN, friends. We can't learn CW net procedures without checkins and actual traffic to handle.

Anyway, you can all help me out in the recruiting department. If you know of any new Novices in your area interested in traffic nets, PLEASE let me know. I received a nice package from ARRL HQ one day, filled with helpful operating aids and useful info, and I would like to get this info out to people who can use it.

Well, back to net news. We welcome N9DGL to the NCS roster. Bruce is doing a fine job as NCS on Thursdays and Saturdays.

New checkins to WNN are K9VVO, KA9RZD, KA8TRV, KA8SDF, and KN9S. WELCOME! We hope to have you aboard for a long time.

Finally, we are still looking for a second delegate for WNN to WNA. Bruce, N9DGL, is delegate number one. If anyone is interested, let me know.

CU on WNN!
-30-

Paul, KA9OBP/NM

INTRASTATE NET - EARLY (WIN/E) REPORT

Larry Guthu WB9ICH
Net Manager
706 West Jennings
New London WI 54961

Wow, here it is time once again to write a bit for BSSS. It sure has been a busy summer so far around here, not only on the net, but around the QTH as well.

Let's see now.. The meeting of the WNA at this QTH in June went off without a hitch, except that Mother Nature did not cooperate with me on the weather. Despite the weather, a good time was had by all in attendance, and we even managed to get a few things done concerning the nets.

Now down to the good stuff. We seem to be holding about normal for the period May-June as compared to a year ago for checkins, traffic, and length of times for the net. Our net control spots are all filled now, thanks to Larry, N9AUG, who is now picking up Thursday nights until fall, when he goes back to classes.

I would like to see some more people volunteering to go to 9RN to give those who are going - which seems like all the time - a little break. Here are the nights that we need to fill yet: Thursday, Friday, Saturday, and Sunday. If you feel inclined to go, just let me know which night would best suit you, and we'll get you set up.

I would like to thank my net controls for getting those net reports to me before the end of the month. I sometimes have to run a few people down, but as a whole, everyone is doing a good job.

Other than the things mentioned above, the net seems to be running smoothly, but do remember that if you run into problems on the net, please

let me know so we can get it straightened out as soon as possible.

I hope to see a lot of you at the picnic in September in Shawano, so, until then, have a safe and fun summer, and keep up that good ole WINning spirit.

73, Larry, WB9ICH, NM WIN/E

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Samsonite attache case - used - \$25.00

Intersil data book - includes info on counter chips, such as the 7216 series, etc.: \$3.50. Timex/Sinclair 1000 computer instruction book: \$3.50. Electronic Design's Gold Book Data Acquisition Components Handbook on Intersil: \$3.00. 1982 ARRL Radio Amateur's Handbook: \$5.00. Fairchild FAST (Fairchild Advanced Schottky TTL) data book: \$3.00.

Signetics Bipolar and MOS memory data manual: \$2.00. The TTL Data Book for Design Engineers (Texas Instruments): \$2.50. 1984 Linear Supplement Data Book (National Semiconductor): \$4.00. If you're interested in more than one book, make an offer for the lot! No shipping or delivery on books.

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STUFF: From k9zz

A few items, here and there.

I was in Madison a few weeks ago, and was getting ready to leave a restaurant. I stood up, and was face to face with Fran Murray, KE6WD. Fran worked at Industrial Coils here in Baraboo back around 1958, and he was the first person I gave a Novice exam to. He became KN9RFZ then, and was quite active on the Novice CW bands, and on 2-meter AM with an SCR-522 here. Fran had his XYL Alice along, and both looked great!

I had a nice, newsy letter from another Wisconsin transplant.. this one in Arizona. Ray Snider, W9MNG/7, says he's doing well out there, and says hello to his many Wisconsin friends, including Antonio Cruz-Urbe, XE1BT, in Green Bay. If my Spanish is right (and it's usually not), Arizona is from the Spanish, and means something like "arid zone." Am I close, Ray?

This is late, but, about a year ago, John Frank, WB9TQS, let us know he wouldn't be writing any more book reviews for Badger State. He cited two things: (1) No more books were available to him for review and (2) he had absolutely no comment of any kind about his reviews. None! We do thank you, John, for all those reviews, and hope it did help someone along the way.

Another Wisconsin club is joining the Badger State effort, beginning officially next month. It's WAPR (Wisconsin Amateur Packet Radio), headquartered in Fond du Lac. WAPR currently numbers about 40 members. If you are interested in Packet Radio, I encourage you to join WAPR. WAPR is relatively new, having been organized by WA4COY, WD9ESH and other Fondy Hams.

When WAPR news starts next month, you'll find more info on how to join. I do hope that some WAPR members, when feeling in a literary mood, will perhaps write an article or two, especially for some of our subscribers who either are not aware of what Packet is at all, or would like to know more about its basics.

About "The Test Point": We are trying to list all the VEC exams of which we are aware, but something tells me that we're missing some. We glean what we can from the exchange papers we get, but I still am sure we don't have all the info.

PLEASE... If your club or group is sponsoring VEC exams, don't depend on telepathy to get the info to us. Send information on your test sessions to K9EN or myself.. the addresses are on page two. We can't help you if you don't tell us. (See the Test Point listing for Watertown.. it's been running this way for several months, but nobody has bothered to give us the exact dates! And it's too late now for running the dates.)

On the topic of articles, we ALWAYS welcome articles on just about any Amateur Radio topic. We had some excellent ones a couple of years ago, with hopes of more, but nothing has poured in. (Hey, youse guys, you know who you are! If you do get the time to scratch something out, we can sure use it.) That goes for anyone, actually.

Letters about this paper are also welcome, either complaints or compliments - whatever. Let us hear from you!

Finally. in his resignation from "73" magazine speech, Wayne Green, W2NSD/1 said "...We have a very, very sick hobby." If he is right, with his resignation, it took one giant leap in the direction of health! k9zz

=====

WAPR HOLDS FIRST MEETING

The first meeting of the Wisconsin Amateur Packet Radio Association (WAPR) was held during the South Milwaukee Swapfest on July 13, 1985. Approximately 40 packet radio enthusiasts attended the meeting.

There was a round of introductions by those present, followed by discussion of packet radio operations in Wisconsin and the surrounding areas.

Organization of WAPR was discussed, with operations to date, concerning the organization and newsletter mailings explained.

A committee was selected to study and make recommendations for the structure and operation of WAPR. The committee consists of WA4COY, WD9ESH, WB9SDA, WA9SOU, WB9WRW, N9CLE, and W9ZGS.

It was decided that Badger State Smoke Signals would include the WAPR newsletter and membership would include a subscription. Initial dues were set at \$7.50 including BSSS subscription.

Further information will be mailed to WAPR members and will be in next month's Smoke Signals.

--K9EN

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An FCC one-year program offers a special diploma type General Radiotelephone Operator license, valid for life, to holders of valid First Class, Second Class, or General Radiotelephone Operators licenses. Holders do NOT have to wait until renewal time to apply.

This program ends on December 31, 1985. Renewals after that date will receive a card form document, instead of an "attractive computer printed, diploma size lifetime document." Unlike the diploma license, the wallet size card forms will NOT be valid for broadcast purposes. The diploma licenses WILL be valid for broadcast.

Your current, valid license need not be submitted. Submit your request to the FCC Field Office which issued your license, along with an SASE at least 4 1/8 x 9 1/2 inches (for unfolded delivery, it should be 9 1/2 x 12 inches). Be sure you affix adequate first class postage in either case.

Replacement certificates will NOT be available. Again, this program ends on December 31, 1985.

Here are the area FCC addresses:

(District 18)
Federal Communications Commission
Park Ridge Office Center
1550 Northwest Highway
Park Ridge IL 60068

(District 16)
Federal Communications Commission
691 Federal Building
316 North Robert Street
St. Paul MN 55101

=====

We went to a Hamfest and found that the hot dog is the noblest of all dogs -- it feeds the hand that bites it.
(This and other fillers via ARNS)

BADGER STATE SMOKE SIGNALS

To all Wisconsin Amateur Radio Clubs:

If you are not a regular recipient of Badger State Smoke Signals, this sample copy is to introduce our publication to you, and invite you to join our regular readers. Smoke Signals has been published monthly for over 15 years. Originally published as the club paper for the Yellow Thunder Amateur Radio Club, it has been, for the past three years, a state-wide publication.

Badger State Smoke Signals will carry current Amateur Radio news, news about YELLOW THUNDER ARC, RIVERLAND RADIO CLUB, WNA, ARRL and other clubs and groups in Wisconsin as well.

We would like to offer our services to the members of your club. If your club has a newsletter or bulletin, we would like to exchange newsletters with you. We will include information from your club in our newsletter and you may feel free to use information from ours. We are especially interested in information about your class schedules and VE FCC license examination schedules.

If your club does not publish a newsletter, Badger State Smoke Signals would be happy to serve your members as the official journal for your club.

In addition to our regular individual subscription rates (on the other side of this sheet) we offer a bulk subscription rate to clubs having 20 or more subscriptions per year at a rate of \$4.50 each. The club can pass the savings on to its members or keep it for the club treasury.

Clubs wishing to participate in Badger State Smoke Signals with a page devoted to their club can receive an even lower rate. Mailings must be made to the entire club membership (note 1.) and your club would receive a 15 percent additional complimentary mailings. (There are presently over 100 complimentary and exchange addresses on the mailing list in addition to the present subscribers.)

CLUB RATES:	Less than 50 members	\$4.20 per year
	Over 50 members	\$3.60 per year

Your club would have space reserved for publication each month, and we ask that you prepare and submit your material. (Hand written, typewritten or via modem.)

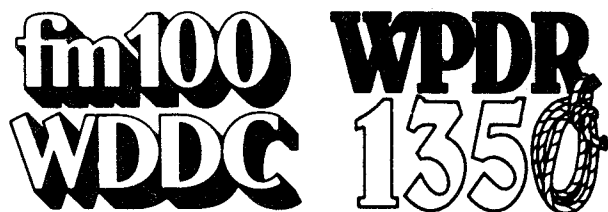
Advertising space is available in Smoke Signals and we do offer a small commission to clubs selling advertising space.

For participating clubs or advertisers, we will include Hamfest/Swapfest flyers at no added cost. There is a charge of .05 for each flyer for non-participants. (Wisconsin portion of mailing only) There is no charge for listing in the monthly Swapfest column.

If your club is interested in participating in Badger State Smoke Signals, please contact Kenneth A. Ebner, K9EN, 822 Wauona Trail, Portage, Wisconsin 53901. Telephone (608) 742-3560.

note 1. We recognize that there may be members already on our mailing, but this duplication is part of what allows us to offer our low rates.

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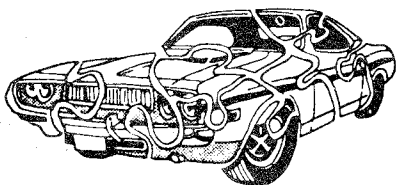
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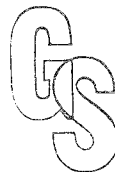
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Regular individual subscription rates:

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If you are active on the traffic nets and wish to receive Smoke Signals as a WISCONSIN NETS ASSOCIATION BOOSTER please contact WNA Treasurer, Mike Hamman, KA9BHL, Rte. 5, Box 668, Tomahawk, WI 54487 for information on how to become a WNA BOOSTER.

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